

347438

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 7/2/99 are:A. ☒ approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color. Color drawings are not acceptable until petition is granted. Fig(s) _____ Pencil and non black ink not permitted. Fig(s) _____</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84(b) 1 full-tone set is required. Fig(s) _____ Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____ Poor quality (half-tone). Fig(s) _____</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(c) Paper not flexible, strong, white, and durable. Fig(s) _____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____ Mylar, velum paper is not acceptable (too thin). Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.6 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) _____ Drawings sheets not an acceptable size. Fig(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) _____ Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____</p> <p>6. VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) _____ Views not labeled separately or properly. Fig(s) _____ Enlarged view not labeled separately or properly. Fig(s) _____</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Hatching not indicated for sectional portions of an object. Fig(s) _____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(k) Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l) Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____</p> <p>11. SHADING. 37 CFR 1.84(m) Solid black areas pale. Fig(s) _____ Solid black shading not permitted. Fig(s) _____ Shade lines, pale, rough and blurred. Fig(s) _____</p> <p>12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p) Numbers and reference characters not plain and legible. Fig(s) _____ Figure legends are poor. Fig(s) _____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____</p> <p>13. LEAD LINES. 37 CFR 1.84(q) Lead lines cross each other. Fig(s) _____ Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) _____ Solid black shading not used for color contrast. Fig(s) _____</p>
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COMMENTS

REVIEWER

DATE

TELEPHONE NO.

ATTACHMENT TO PAPER NO.

NOTICE OF DRAFTSPERSON'S INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities--37 CFR 1.85

The drawing(s) filed (insert date) _____
 A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.125.
 B. ☐ objected to by the Draftsperson under 37 CFR 1.84 or 1.125 for the reasons indicated below. The Examiner will require the new drawings with the changes incorporated therein. The application number, the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

10. CHARACTER OF LINES, NUMBERS, & LETTERS 37 CFR 1.84(d)
 11. TYPE OF PAPER 37 CFR 1.84(e)
 12. PHOTOGRAPHS 37 CFR 1.84(f)
 13. PHOTOGRAPHY 37 CFR 1.84(g)
 14. PHOTOGRAPHY 37 CFR 1.84(h)
 15. PHOTOGRAPHY 37 CFR 1.84(i)
 16. PHOTOGRAPHY 37 CFR 1.84(j)
 17. PHOTOGRAPHY 37 CFR 1.84(k)
 18. PHOTOGRAPHY 37 CFR 1.84(l)
 19. PHOTOGRAPHY 37 CFR 1.84(m)
 20. PHOTOGRAPHY 37 CFR 1.84(n)
 21. PHOTOGRAPHY 37 CFR 1.84(o)
 22. PHOTOGRAPHY 37 CFR 1.84(p)
 23. PHOTOGRAPHY 37 CFR 1.84(q)
 24. PHOTOGRAPHY 37 CFR 1.84(r)
 25. PHOTOGRAPHY 37 CFR 1.84(s)
 26. PHOTOGRAPHY 37 CFR 1.84(t)
 27. PHOTOGRAPHY 37 CFR 1.84(u)
 28. PHOTOGRAPHY 37 CFR 1.84(v)
 29. PHOTOGRAPHY 37 CFR 1.84(w)
 30. PHOTOGRAPHY 37 CFR 1.84(x)
 31. PHOTOGRAPHY 37 CFR 1.84(y)
 32. PHOTOGRAPHY 37 CFR 1.84(z)

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings other than informalities noted by the Drawing Review Branch **MUST** be approved by the Examiner before the application will be allowed. No changes will be permitted to be made other than correction of informalities, unless the examiner has approved the proposed changes.

1. LEAD LINES 37 CFR 1.84(d)
 Lead lines cross each other. Fig(s) _____
 Lead lines missing. Fig(s) _____
2. NUMBERING OF SHEETS OF DRAWINGS 37 CFR 1.84(i)
 Sheets not numbered consecutively and in Arabic numerals. Fig(s) _____
 Beginning with number 1. 2 sheet(s) _____
3. NUMBERING OF VIEWS 37 CFR 1.84(j)
 Views not numbered consecutively and in Arabic numerals. Fig(s) _____
 Beginning with number 1. Fig(s) _____
4. CORRECTIONS 37 CFR 1.84(w)
 Corrections not made from prior PTO-948. Fig(s) _____
 dated _____
5. DESIGN DRAWINGS 37 CFR 1.125
 Surface shading shown not appropriate. Fig(s) _____
 Solid black shading not used for color contrast. Fig(s) _____
6. SECTIONAL VIEWS 37 CFR 1.84(p)(3)
 Hatching not indicated for sectional portions of an object. Fig(s) _____
 Sectional designation should be noted with Arabic or Roman numerals. Fig(s) _____
7. ENLARGED VIEW 37 CFR 1.84(n)
 Enlarged view not labeled separately or properly. Fig(s) _____
 Views not labeled separately or properly. Fig(s) _____
 Brackets needed to show figure as one entity. Fig(s) _____
 Partial views. 37 CFR 1.84(n)(2)
 REMINDER: Specification may require revision to correspond to drawing changes.
8. VIEWS 37 CFR 1.84(h)
 Top (T)
 Right (R)
 Bottom (B)
 Left (L)
 Front (F)
 Rear (R)
 Side (S)
 End (E)
 Sectional (S)
 Exploded (E)
 Isometric (I)
 Oblique (O)
 Perspective (P)
 Other (O)
9. MARGINS 37 CFR 1.84(g)
 Drawing sheets not an acceptable size. Fig(s) _____
 Margins not acceptable. Fig(s) _____
 SIZE: A4 size
 Top 2.5 cm Left 2.5 cm Right 1.2 cm Bottom 1.0 cm
 37 CFR 1.84(g)
 37 CFR 1.84(h)
 37 CFR 1.84(i)
 37 CFR 1.84(j)
 37 CFR 1.84(k)
 37 CFR 1.84(l)
 37 CFR 1.84(m)
 37 CFR 1.84(n)
 37 CFR 1.84(o)
 37 CFR 1.84(p)
 37 CFR 1.84(q)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
10. SIZE OF PAPER 37 CFR 1.84(f)
 Acceptable sizes:
 21.0 cm by 29.7 cm (DIN size A4)
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 37 CFR 1.84(f)
 37 CFR 1.84(g)
 37 CFR 1.84(h)
 37 CFR 1.84(i)
 37 CFR 1.84(j)
 37 CFR 1.84(k)
 37 CFR 1.84(l)
 37 CFR 1.84(m)
 37 CFR 1.84(n)
 37 CFR 1.84(o)
 37 CFR 1.84(p)
 37 CFR 1.84(q)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
11. TYPE OF PAPER 37 CFR 1.84(e)
 37 CFR 1.84(e)
 37 CFR 1.84(f)
 37 CFR 1.84(g)
 37 CFR 1.84(h)
 37 CFR 1.84(i)
 37 CFR 1.84(j)
 37 CFR 1.84(k)
 37 CFR 1.84(l)
 37 CFR 1.84(m)
 37 CFR 1.84(n)
 37 CFR 1.84(o)
 37 CFR 1.84(p)
 37 CFR 1.84(q)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
12. PHOTOGRAPHS 37 CFR 1.84(f)
 37 CFR 1.84(f)
 37 CFR 1.84(g)
 37 CFR 1.84(h)
 37 CFR 1.84(i)
 37 CFR 1.84(j)
 37 CFR 1.84(k)
 37 CFR 1.84(l)
 37 CFR 1.84(m)
 37 CFR 1.84(n)
 37 CFR 1.84(o)
 37 CFR 1.84(p)
 37 CFR 1.84(q)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
13. PHOTOGRAPHY 37 CFR 1.84(g)
 37 CFR 1.84(g)
 37 CFR 1.84(h)
 37 CFR 1.84(i)
 37 CFR 1.84(j)
 37 CFR 1.84(k)
 37 CFR 1.84(l)
 37 CFR 1.84(m)
 37 CFR 1.84(n)
 37 CFR 1.84(o)
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 37 CFR 1.84(q)
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 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
14. PHOTOGRAPHY 37 CFR 1.84(h)
 37 CFR 1.84(h)
 37 CFR 1.84(i)
 37 CFR 1.84(j)
 37 CFR 1.84(k)
 37 CFR 1.84(l)
 37 CFR 1.84(m)
 37 CFR 1.84(n)
 37 CFR 1.84(o)
 37 CFR 1.84(p)
 37 CFR 1.84(q)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
15. PHOTOGRAPHY 37 CFR 1.84(i)
 37 CFR 1.84(i)
 37 CFR 1.84(j)
 37 CFR 1.84(k)
 37 CFR 1.84(l)
 37 CFR 1.84(m)
 37 CFR 1.84(n)
 37 CFR 1.84(o)
 37 CFR 1.84(p)
 37 CFR 1.84(q)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
16. PHOTOGRAPHY 37 CFR 1.84(j)
 37 CFR 1.84(j)
 37 CFR 1.84(k)
 37 CFR 1.84(l)
 37 CFR 1.84(m)
 37 CFR 1.84(n)
 37 CFR 1.84(o)
 37 CFR 1.84(p)
 37 CFR 1.84(q)
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 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
17. PHOTOGRAPHY 37 CFR 1.84(k)
 37 CFR 1.84(k)
 37 CFR 1.84(l)
 37 CFR 1.84(m)
 37 CFR 1.84(n)
 37 CFR 1.84(o)
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 37 CFR 1.84(t)
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 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
18. PHOTOGRAPHY 37 CFR 1.84(l)
 37 CFR 1.84(l)
 37 CFR 1.84(m)
 37 CFR 1.84(n)
 37 CFR 1.84(o)
 37 CFR 1.84(p)
 37 CFR 1.84(q)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
19. PHOTOGRAPHY 37 CFR 1.84(m)
 37 CFR 1.84(m)
 37 CFR 1.84(n)
 37 CFR 1.84(o)
 37 CFR 1.84(p)
 37 CFR 1.84(q)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
20. PHOTOGRAPHY 37 CFR 1.84(n)
 37 CFR 1.84(n)
 37 CFR 1.84(o)
 37 CFR 1.84(p)
 37 CFR 1.84(q)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
21. PHOTOGRAPHY 37 CFR 1.84(o)
 37 CFR 1.84(o)
 37 CFR 1.84(p)
 37 CFR 1.84(q)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
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22. PHOTOGRAPHY 37 CFR 1.84(p)
 37 CFR 1.84(p)
 37 CFR 1.84(q)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
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 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
23. PHOTOGRAPHY 37 CFR 1.84(q)
 37 CFR 1.84(q)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
24. PHOTOGRAPHY 37 CFR 1.84(r)
 37 CFR 1.84(r)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
25. PHOTOGRAPHY 37 CFR 1.84(s)
 37 CFR 1.84(s)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
26. PHOTOGRAPHY 37 CFR 1.84(t)
 37 CFR 1.84(t)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
27. PHOTOGRAPHY 37 CFR 1.84(u)
 37 CFR 1.84(u)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
28. PHOTOGRAPHY 37 CFR 1.84(v)
 37 CFR 1.84(v)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
29. PHOTOGRAPHY 37 CFR 1.84(w)
 37 CFR 1.84(w)
 37 CFR 1.84(x)
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30. PHOTOGRAPHY 37 CFR 1.84(x)
 37 CFR 1.84(x)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
31. PHOTOGRAPHY 37 CFR 1.84(y)
 37 CFR 1.84(y)
 37 CFR 1.84(z)
32. PHOTOGRAPHY 37 CFR 1.84(z)
 37 CFR 1.84(z)